HEARTMATE 3™ LVAD WITH FULL MAGLEV™ FLOW TECHNOLOGY

THEIR FUTURE STARTS WITH YOU

HEARTMATE 3™ LVAD
with Full MagLev™ Flow Technology

Abbott

HEARTMATE 3™ LVAD DELIVERS UNPRECEDENTED* SURVIVAL AND SAFETY OUTCOMES**[1]

In the MOMENTUM 3 trial, the largest LVAD trial ever conducted,*** the HeartMate 3 LVAD demonstrated at 2 years:

83% SURVIVAL[1]

10% STROKE[1]

1% THROMBOSIS[†1]

The highest published 2-year survival rate and the lowest published stroke and thrombosis rates for continuous-flow LVADs[1-5]

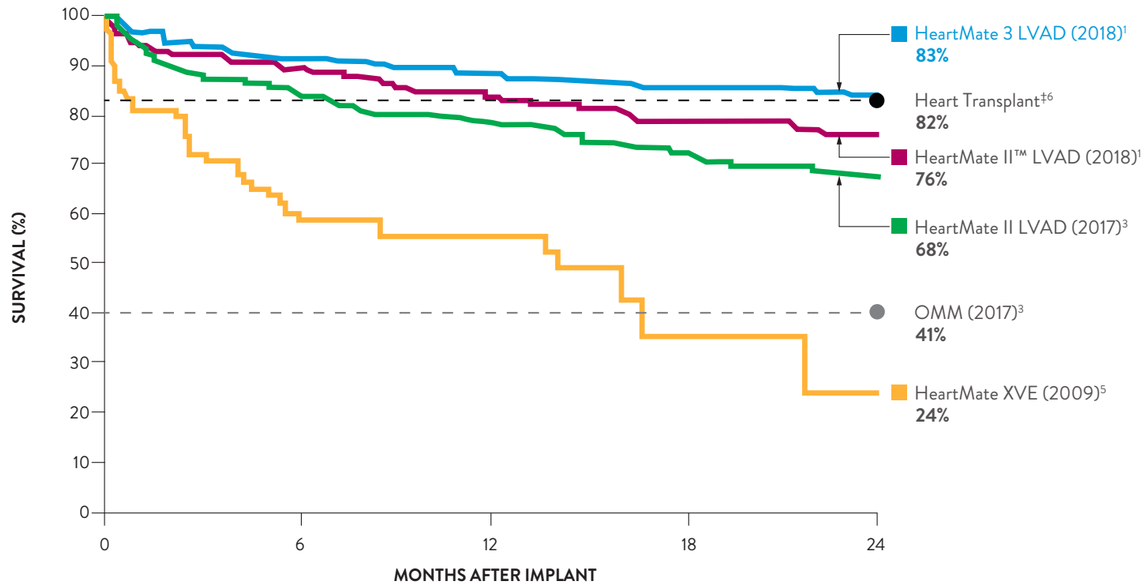
HeartMate 3 LVAD outcomes made possible by Full MagLev™ Flow Technology.

NOW APPROVED FOR DESTINATION THERAPY

The HeartMate 3 Left Ventricular Assist System is indicated for providing short- and long-term mechanical circulatory support (e.g., as bridge to transplant or myocardial recovery, or destination therapy) in patients with advanced refractory left ventricular heart failure.

LANDMARK SURVIVAL WITH HEARTMATE 3™ LVAD

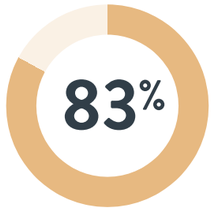
NOW COMPARABLE TO TRANSPLANT SURVIVAL AT 2 YEARS[‡6]



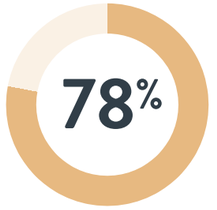
OMM = Optimal Medical Management.

Based on published data from multicenter experience and separate studies, which may involve different patient populations and other variables. Not a head-to-head comparison. Data presented for informational purposes only. Please refer to the HeartMate II and HeartMate 3 LVAD Instructions for Use about indications, contraindications, adverse events, warnings, and precautions.

UNPRECEDENTED SURVIVAL AT 2 YEARS[1]



SUPERIOR EVENT-FREE SURVIVAL AT 2 YEARS (PRIMARY ENDPOINT)[†††1]



EXCELLENT SAFETY PROFILE

LOWEST PUBLISHED STROKE AND THROMBOSIS RATES FOR CONTINUOUS-FLOW LVADs[1-5]

10%
STROKE[1]

MOMENTUM 3 2018[1]		ENDURANCE 2017[2]	
HeartMate 3™ LVAD (n = 189)	**HeartMate II™ LVAD** (n = 172)	**HVAD§ LVAD** (n = 296)	**HeartMate II LVAD** (n = 149)
10.1% / 0.08 Stroke (% / EPPY)	**19.2% / 0.18** Stroke (% / EPPY)	**29.7% / 0.29** Stroke (% / EPPY)	**12.1% / 0.09** Stroke (% / EPPY)

HeartMate 3 LVAD stroke rates decreased after 6 months, with a 0.04 EPPY from 6 months through 2-year follow-up.
EPPY = Events Per Patient Year.

1%
THROMBOSIS†[1]

MOMENTUM 3 2018[1]		ENDURANCE 2017[2]	
HeartMate 3 LVAD (n = 190)	**HeartMate II LVAD** (n = 176)	**HVAD§ LVAD** (n = 295)	**HeartMate II LVAD** (n = 149)
1.1% Pump Thrombosis (%)	**15.7%** Pump Thrombosis (%)	**6.4%** Pump Thrombosis (%)	**10.7%** Pump Thrombosis (%)

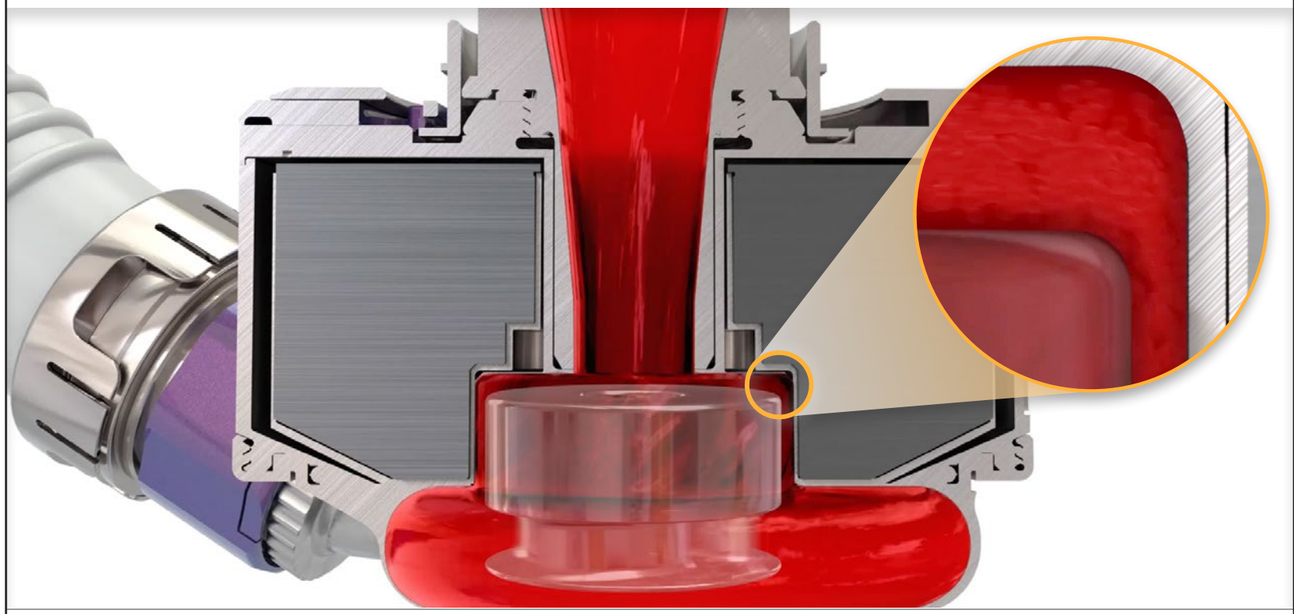
Based on published data from multicenter experience and separate studies, which may involve different patient populations and other variables. Not a head-to-head comparison. Data presented for informational purposes only. Please refer to the HeartMate II and HeartMate 3 LVAD Instructions for Use about indications, contraindications, adverse events, warnings, and precautions.

HEARTMATE 3 LVAD GASTROINTESTINAL BLEEDING (27%) IS SIMILAR TO OTHER LVADs, WHILE MAINTAINING MINIMAL PUMP THROMBOSIS.[1]

OUTCOMES MADE POSSIBLE BY FULL MAGLEV™ FLOW TECHNOLOGY

Full MagLev Flow Technology maintains gentle blood handling to minimize complications and reduce hemocompatibility-related adverse events.

- **Fully levitated, self-centering rotor** that does not require hydrodymamic or mechanical bearings
- **Large, consistent blood flow pathways** to reduce shear stress[7]
- **Intrinsic pulsatility** to reduce blood stasis and minimize thrombus[7,8]

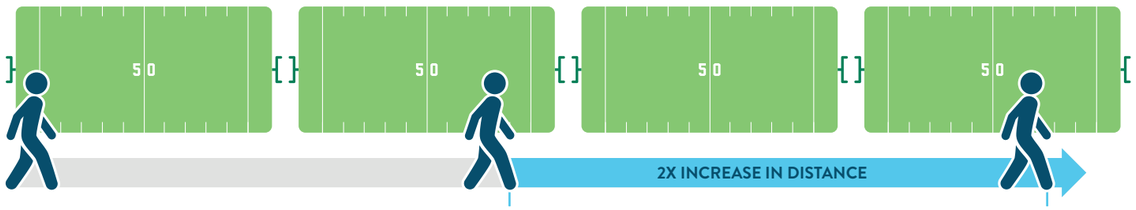


MAKING A MEANINGFUL DIFFERENCE IN PATIENTS' LIVES

SIGNIFICANT IMPROVEMENT IN NEW YORK HEART ASSOCIATION (NYHA) FUNCTIONAL CLASS[1]

78% of patients improved from NYHA Class IIIB/IV at baseline to NYHA Class I/II by 6 months, with sustained improvement of 79% of patients through 2 years ($P<0.0001$).[1]

SIGNIFICANT INCREASE IN 6-MINUTE WALK DISTANCE[1]



Note: One football field = 91 m (100 yards).

IMPROVED QUALITY OF LIFE[1]

28 POINT IMPROVEMENT in KCCQ overall summary score at 3 months was sustained out to 2 years ($P<0.0001$).

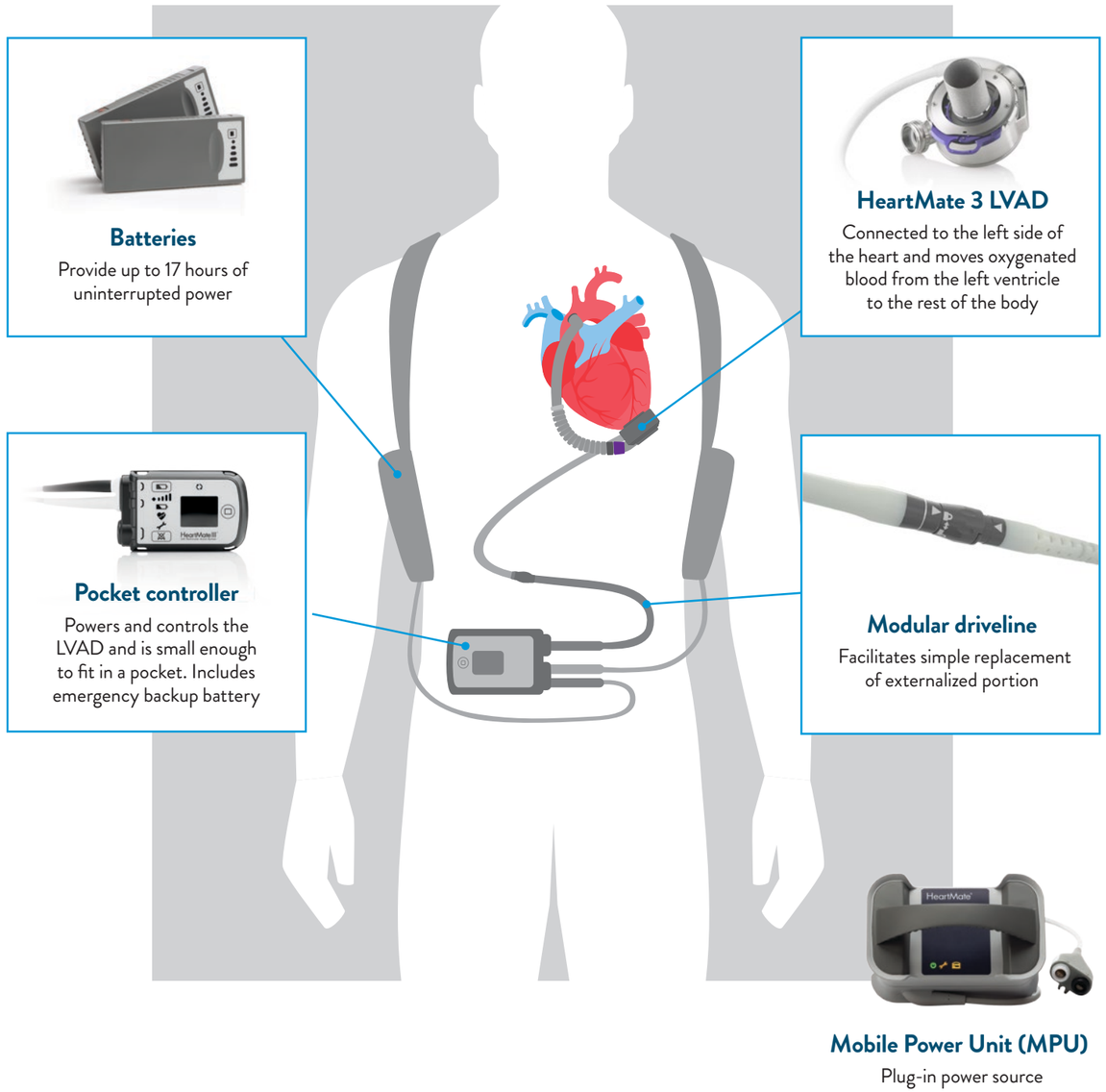
REDUCTION IN REHOSPITALIZATIONS[1]

- **8.3 FEWER** hospital days
- **51% REDUCTION** in average cumulative cost per patient-year

KCCQ = Kansas City Cardiomyopathy Questionnaire.

HEARTMATE 3™ LVAD SYSTEM

A better experience for clinicians and patients



THEIR FUTURE STARTS WITH YOU

Choosing HeartMate 3™ LVAD,
you can go above and beyond to make a meaningful
difference in your patients' lives.

EMPOWERING THE TRANSFORMATION OF HEART FAILURE

From treatment to ongoing patient management, Abbott is committed to working with you to transform heart failure and improve more patient lives.

BEAT AS ONE™

*Based on HeartMate LVAD highest published survival and lowest published stroke and thrombosis rates in continuous-flow LVAD category of devices in the U.S.[1-5]
**HeartMate 3™ LVAD demonstrated superiority in event-free survival (primary endpoint) in the MOMENTUM 3 trial compared to HeartMate II™ LVAD.
***Ongoing evaluation of more than 2000 patients on short- and long-term therapy of devices in the U.S.[1,3-6]
†Suspected pump thrombosis events occurred in 2 patients with the centrifugal-flow pump, but neither were confirmed.
‡82% 2-year survival for heart transplant patients between 2009 and 2015.[2]
†††Survival at 2 years free of disabling stroke or reoperation to replace or remove a malfunctioning device.[1]

References: 1. Mehra MR, Goldstein DJ, Uriel N, et al, for the MOMENTUM 3 Investigators. Two-year outcomes with a magnetically levitated cardiac pump in heart failure. *N Engl J Med*. 2018;378:1386-1395. **2.** Rogers JG, Pagani F, Tatooles A, et al. Intrapericardial left ventricular assist device for advanced heart failure. *New Engl J Med*. 2017;376:451-460. **3.** Starling RC, Estep JD, Horstmanshof DA, et al; ROADMAP Study Investigators. Risk assessment and comparative effectiveness of left ventricular assist device and medical management in ambulatory heart failure patients: the ROADMAP Study 2-year results. *JACC Heart Fail*. 2017 Mar 30. **4.** Jorde UP, Kushwaha SS, Tatooles AJ, et al. Results of the destination therapy post-food and drug administration approval study with a continuous flow left ventricular assist device: a prospective study using the INTERMACS registry (Interagency Registry for Mechanically Assisted Circulatory Support). *J Am Coll Cardiol*. 2014;63:1751-1757. **5.** Slaughter MS, Rogers JG, Milano CA, et al. Advanced heart failure treated with continuous-flow left ventricular assist device. *N Engl J Med*. 2009;361:2241-2251. **6.** Lund LF, Khush KK, Cherikh WS, et al. The Registry of the International Society for Heart and Lung Transplantation: Thirty-fourth Adult Heart Transplantation Report—2017; Focus theme: allograft ischemic time. *J Heart Lung Transplant*. 2017;36:1037-1046. **7.** Bourque K, Cotter C, Dague C, et al. Design rationale and preclinical evaluation of the HeartMate 3 Left Ventricular Assist System for hemocompatibility. *Am Soc Artificial Int Organs*. 2016;62:375-383. **8.** Bourque K, Dague C, Farrar D, et al. In vivo assessment of a rotary left ventricular assist device-induced artificial pulse in the proximal and distal aorta. *Artificial Organs*. 2006;30:638-642. **9.** Mehra MR, Salerno C, Cleveland JC, et al. Health care resource use and cost implications in the MOMENTUM 3 long-term outcome study: a randomized controlled trial of a magnetically levitated cardiac pump in advanced heart failure. *Circulation*. 2018 May 27. pii: CIRCULATIONAHA.118.035722. doi: 10.1161/CIRCULATIONAHA.118.035722. [Epub ahead of print].

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HeartMate3.com
St. Jude Medical is now Abbott.

Rx Only
Important Safety Information
Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.
Indications: The HeartMate 3 Left Ventricular Assist System is indicated for providing short-and long-term mechanical circulatory support (e.g., as bridge to transplant or myocardial recovery, or destination therapy) in patients with advanced refractory left ventricular heart failure.
Contraindications: The HeartMate 3 Left Ventricular Assist System is contraindicated for patients who cannot tolerate, or who are allergic to, anticoagulation therapy.
Adverse Events: Adverse events that may be associated with the use of the HeartMate 3 Left Ventricular Assist System are: death, bleeding, cardiac arrhythmia, localized infection, right heart failure, respiratory failure, device malfunctions, driveline infection, renal dysfunction, sepsis, stroke, other neurological event (not stroke-related), hepatic dysfunction, psychiatric episode, venous thromboembolism, hypertension, arterial non-central nervous system (CNS) thromboembolism, pericardial fluid collection, pump pocket or pseudo pocket infection, myocardial infarction, wound dehiscence, hemolysis (not associated with suspected device thrombosis) or device thrombosis.

SJM-HM3-0517-0009(2) | Item approved for U.S. use only.

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